

12-26-00

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: WILLIAM J. LABARGE ET AL.

For: CATALYST SUBSTRATE HAVING IMPROVED THERMAL DURABILITY

TRANSMITTAL LETTER FOR FILING
APPLICATION UNDER 35 CFR 1.53(b)

Box Applications
Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

The attached application for U.S. Patent is being filed under the provisions of Rule 1.53(b) of the Rules of Practice in Patent and Trademark cases. Accordingly, we are enclosing the following documents at this time:

- (a) Specification and Claims; and
- (b) Formal Drawings (1 sheets)
- (c) Declaration (Unexecuted) (2 pages)
- (d) Information Disclosure Statement (Form PTO 1449 and cited references (10))

The filing fee and Assignment documents will be submitted later under the provisions of 37 CFR 1.53.

Please be advised that the inventors of the invention disclosed in the attached specification and claims are: William J. LaBarge, 306 South Erie Drive, Bay City, MI 48706; Russell P. Richmond, 3983 Clifford Road, Clifford, MI 48727; and Gerald L. Vaneman, 10130 Shady Hill, Grand Blanc, MI 48439. Please also be advised that the undersigned has been authorized to file this application on their behalf.



09/14/00 12/21/00

| Parameter | 1990-1999 | 2000-2009 | 2010-2019 | 2020-2029 | 2030-2039 | 2040-2049 | 2050-2059 | 2060-2069 | 2070-2079 | 2080-2089 | 2090-2099 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Population | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Male | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Female | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Age 0-14 | 15.0 | 14.0 | 13.0 | 12.0 | 11.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 5.0 |
| Age 15-64 | 65.0 | 64.0 | 63.0 | 62.0 | 61.0 | 60.0 | 59.0 | 58.0 | 57.0 | 56.0 | 55.0 |
| Age 65+ | 20.0 | 22.0 | 24.0 | 26.0 | 29.0 | 31.0 | 33.0 | 35.0 | 37.0 | 39.0 | 40.0 |
| White | 75.0 | 74.0 | 73.0 | 72.0 | 71.0 | 70.0 | 69.0 | 68.0 | 67.0 | 66.0 | 65.0 |
| Black | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Hispanic | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 |
| Other | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Married | 55.0 | 54.0 | 53.0 | 52.0 | 51.0 | 50.0 | 49.0 | 48.0 | 47.0 | 46.0 | 45.0 |
| Divorced | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 |
| Widowed | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 |
| Never married | 20.0 | 19.0 | 18.0 | 17.0 | 16.0 | 15.0 | 14.0 | 13.0 | 12.0 | 11.0 | 10.0 |
| High school or less | 25.0 | 24.0 | 23.0 | 22.0 | 21.0 | 20.0 | 19.0 | 18.0 | 17.0 | 16.0 | 15.0 |
| Some college | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 |
| Bachelor's or more | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Median income | \$25,000 | \$26,000 | \$27,000 | \$28,000 | \$29,000 | \$30,000 | \$31,000 | \$32,000 | \$33,000 | \$34,000 | \$35,000 |
| Unemployment | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Health insurance | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 |
| Medicaid | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Medicare | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 |
| Private | 75.0 | 74.0 | 73.0 | 72.0 | 71.0 | 70.0 | 69.0 | 68.0 | 67.0 | 66.0 | 65.0 |

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